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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/559,704	04/27/2000	Michael D. Zoeckler	7137	2557

7590 02/05/2004  
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EXAMINER

HARMON, CHRISTOPHER R

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 02/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/559,704

Applicant(s)

ZOECKLER, MICHAEL D.

Examiner

Christopher R Harmon

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 February 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7,9-16 and 25-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7,9-16 and 25-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3, 11-16, 25-29, and 34 are rejected under 35 U.S.C. 102(b) as being anticipated by Stone (US 5,551,938).

Stone discloses a method for forming carton blanks comprising advancing a web of paperboard 42 along a path; progressively applying, with an adhesive, at least one ribbon of reinforcing material 38 with a width less than the paperboard substantially overlying a selected panel portion; the paperboard is then cut into individual carton blanks and then are formed into cartons for receiving articles (see figures 1-3). Stone teaches manufacturing a paperboard carton with a reinforcing collar made of "either paperboard, thick paper... or flexible plastic." (column 4, lines 48-49). Therefore paperboard trim, cull, etc. is considered Stone anticipated.

3. Claims 1, 3-5, 7, 9-11, 16, 25, 29-32, and 34 are rejected under 35 U.S.C. 102(b) as being anticipated by Lang (US 5,147,480).

Lang discloses a method of making paperboard cartons comprising advancing a web of paperboard 48 to a laminator/reinforcer which applies at least one layer of material to the paperboard; see figures 3 and 4. The web is then cut/scored and then formed into cartons. Lang discloses printing on the reinforcing layers.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 4-7 and 30-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stone (US 5,551,938) in view of Stokes (US 1,880,288).

Stone does not disclose a plurality of reinforcing ribbons, however Stokes teaches reinforcing carton blanks with ribbons (see figures 1-1a). It would have been obvious to one of ordinary skill in the art to use the teachings of Stokes in the invention to Stone in order to reinforce more than one side of the carton.

6. Claims 1, 16, 25, and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable by Anderson (US 2,502,117).

Anderson discloses a method for forming carton blanks comprising advancing a web of paperboard 39 along a path; progressively applying, with an adhesive, at least one ribbon of reinforcing material 42 with a width less than the paperboard; the paperboard is then cut into individual carton blanks and then are formed into cartons for receiving articles (see figure 1). Anderson does not directly disclose cutting the paperboard web however provides cutting the liners already mated with the paperboard; see figures 3, 4, and 22-31. If the paperboard blanks were not pre-cut as the desired configuration of the cutting blades then the paperboard would also be cut. It would have been obvious to

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one of ordinary skill in the art to cut the paperboard along with the liners in the invention to Anderson.

### ***Response to Arguments***

7. Applicant's arguments filed 2/2/04 have been fully considered but they are not persuasive. Stone teaches reinforcing substantially all of panel portion 58. The previous rejection using Stone was correctly determined to be made under 35 USC 102(b).

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher R Harmon whose telephone number is 703-308-8643. The examiner can normally be reached on Monday-Thursday from 8-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada can be reached on 703-308-2187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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EUGENE KIM  
PRIMARY EXAMINER